ABSTRACT

The invention is directed broadly to microporous films prepared from immiscible blends of at least two components, preferably polymers, which are produced via melt processing, a film formed therefrom, for example by extrusion and post-film-forming treatments comprising uniaxial or biaxial cold-stretching and hot-stretching. The films have a three-dimensional reticulated or interconnected network of microcracks or crazing throughout the film, extending from one surface of the film to the other, providing a stable porosity and pore size useful for a variety of filtration and other applications.